

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	US-20020086042-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 14:59
S2	2	S1 and system	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 14:59
S3	1	S1 and egress	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 15:06
S4	1805	ionically bonded	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 15:37
S5	0	S4 and S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 15:37
S6	1	S1 and bond\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 15:37
S7	1	("5,151,264").PN.	USPAT; USOCR	OR	OFF	2010/04/12 15:38
S8	10664	active same ionic\$4 same polymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:01

S9	4933	S8 and (bead or carrier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:01
S10	1762	S9 and @ay<"2002"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:02
S11	1135	S9 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:02
S12	1	("5496782").PN.	USPAT; USOCR	OR	OFF	2010/04/12 16:03
S13	6	S11 and topical and (polymer near bead)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:09
S14	36	S11 and (polymer near bead)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:10
S15	37	restraining polymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:11
S16	2	((("5457093") or ("4994273")).PN.	USPAT; USOCR	OR	OFF	2010/04/12 16:14
S17	1	("5417982").PN.	USPAT; USOCR	OR	OFF	2010/04/12 16:16
S18	11390	polymer near bead	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:17

S19	539	S18 and (active same ionic\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:18
S20	135	S19 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:19
S21	187	S18 and ((drug or active) same (encapsulation))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:22
S22	42	S21 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:22
S23	0	cradacel same vitamin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:26
S24	2	cradacel same vitamin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:26
S25	14	cradacel same (active or drug)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:26
S26	1091	sugar same crosslinked same (drug or active)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:27

S27	0	S26 and (polymer bead)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:27
S28	184	S26 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:27
S29	22131	supported catalysts	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:29
S30	295	S29 and (polymer same (ionic\$4 or crosslink\$4 or cross-link\$4) same (active or drug))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:29
S31	60	S30 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:29
S32	31	S31 and ionic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:30
S33	4	("3694416"   "4237229"   "4582805"   "5200471").PN. OR ("5679779").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/12 16:35
S34	1	S33 and ionic\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/12 16:36
S35	1	("4417077").PN.	USPAT; USOCR	OR	OFF	2010/04/12 16:43
S36	29	("3725305"   "4013583"   "4317936"   "4328125").PN. OR ("4417077").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/12 16:44

S37	15	(rhodium catalyst) same biological	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:45
S38	307	(rhodium) same biological	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:49
S39	23	S38 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:49
S40	1731	polymer bead.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:50
S41	17	S40 and ((drug or active) same ionic\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:51
S42	8	S41 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:51
S43	2	("0556893").PN.	USPAT; USOCR	OR	OFF	2010/04/12 16:53
S44	1	("5556893").PN.	USPAT; USOCR	OR	OFF	2010/04/12 16:53
S45	267	catalyst same (ionic polymer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:54
S46	28	S45 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:55

S47	1044	biological catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:55
S48	299	S47 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:55
S49	46	S48 and ionic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 16:56
S50	193	S40 and matrix	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:01
S51	16	S50 and (matrix same ionic\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:02
S52	3	S51 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:02
S53	4	((("5275824") or ("5169640") or ("4921707") or ("4615697"))).PN.	USPAT; USOCR	OR	OFF	2010/04/12 17:04
S54	43	S47 and (calcium salt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:05
S55	5	S54 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:05

S56	8	S40 and (calcium salt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:06
S57	1	S56 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:06
S58	34	S40 and ((peptide or protein) same (salt or calcium))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:06
S59	12	S58 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:07
S60	93	S40 and adsorption	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:10
S61	41	S60 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:11
S62	116	magnetically labelled	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:15
S63	81	S62 and biological	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:15

S64	26	S63 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:15
S65	1	S64 and ionic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:17
S66	356	magnetic\$ same ionic\$4 same biological	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:18
S67	51	S66 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:18
S68	21	S67 and bead	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:18
S69	8	("4834734"   "5183493"   "6096834"   "6300468").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/12 17:38
S70	1769	enzyme same (calcium salt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:04
S71	571	S70 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:04



S72	119	S71 and (enzyme same (molecular weight))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:05
S73	12	S72 and catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:05
S74	13	phospholipase D same (calcium) same (molecular weight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:11
S75	0	S74 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:11
S76	3942	protein same (calcium) same (molecular weight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:12
S77	32	S76 same catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:12
S78	2	S77 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:12
S79	210	(high molecular weight) same enzyme same calcium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:13

S80	55	S79 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:13
S81	3	((("5135748") or ("4970067") or ("5288484")).PN.	USPAT; USOCR	OR	OFF	2010/04/19 16:38
S82	118727	enzyme same (salt or calcium or sodium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:41
S83	14931	S82 and (enzyme same (molecular weight))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:41
S84	803	S83 and catalyst and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:41
S85	45	S84 and (calcium or sodium).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:44
S86	1	("6610275").PN.	USPAT; USOCR	OR	OFF	2010/04/19 16:51
S87	1	("3663163").PN.	USPAT; USOCR	OR	OFF	2010/04/19 16:52
S88	3932	cellulase same (salt or calcium or sodium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:54
S89	1085	S88 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:54

S90	0	cellulase neare (salt or calcium or sodium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:54
S91	30	cellulase near (salt or calcium or sodium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:54
S92	15	S91 and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:55
S93	2091	ionic near (catalyst or enzyme)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:59
S94	328	S93 and (molecular weight) and @ay<"1998"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 16:59
S95	197	S94 and (calcium or sodium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/19 17:00

**EAST Search History (Interference)**

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